

**Table B-7. Federal obligations for science and engineering (S&E) to universities and colleges, by agency and type of activity: fiscal year 1999**

[Dollars in thousands]

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Agency	Total	Research and development				R&D plant <sup>2</sup>	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
		Total	Re-search <sup>1</sup>	Advanced technology development <sup>1</sup>	Major systems development <sup>1</sup>					
Total, all agencies .....	18,057,927	15,569,904	NA	NA	NA	172,652	46,992	843,736	314,652	1,109,991
Department of Agriculture .....	946,046	501,379	NA	NA	NA	0	668	16,659	3,702	423,638
Department of Commerce .....	311,334	140,532	NA	NA	NA	3,313	13,220	10,635	94,786	48,848
Department of Defense, total .....	1,802,000	1,687,512	1,150,494	213,182	323,836	49	18,093	14,209	64	82,073
Department of the Air Force .....	361,449	338,615	281,093	33,269	24,253	0	12,337	0	0	10,497
Department of the Army .....	425,346	394,081	315,785	61,331	16,965	49	5,756	14,157	0	11,303
Department of the Navy .....	927,956	871,917	522,663	68,035	281,219	0	0	52	50	55,937
Other Department of Defense .....	87,249	82,899	30,953	50,547	1,399	0	0	0	14	4,336
Department of Education .....	325,940	108,163	NA	NA	NA	0	0	114,153	7,291	96,333
Department of Energy .....	651,038	632,537	NA	NA	NA	9,542	0	0	8,520	439
Environmental Protection Agency .....	178,767	162,724	NA	NA	NA	0	0	16,043	0	0
Department of Health & Human Services, total .....	9,841,333	9,070,143	NA	NA	NA	31,784	0	559,183	138,724	41,499
Administration on Aging .....	1,301	1,301	NA	NA	NA	0	0	0	0	0
Administration for Children & Families .....	9,970	9,970	NA	NA	NA	0	0	0	0	0
Agency for Healthcare Research & Quality <sup>4</sup> .....	59,858	54,670	NA	NA	NA	0	0	5,188	0	0
Agency for Toxic Substances & Disease Registry .....	2,485	1,888	NA	NA	NA	0	0	0	531	66
Centers for Disease Control & Prevention .....	145,804	95,537	NA	NA	NA	0	0	2,515	44,263	3,489
Food & Drug Administration .....	14,590	8,906	NA	NA	NA	0	0	369	5,150	165
Health Care Financing Administration .....	5,044	5,044	NA	NA	NA	0	0	0	0	0
Health Resources & Services Administration .....	105,031	12,098	NA	NA	NA	0	0	92,933	0	0
Indian Health Service .....	2,614	0	NA	NA	NA	0	0	2,614	0	0
National Institutes of Health .....	9,450,859	8,844,182	NA	NA	NA	31,784	0	452,196	84,918	37,779
Office of the Secretary .....	11,847	7,985	NA	NA	NA	0	0	0	3,862	0
Office of the Asst Secretary, Planning & Evaluation .....	4,556	4,556	NA	NA	NA	0	0	0	0	0
Office of Public Health & Science .....	7,291	3,429	NA	NA	NA	0	0	0	3,862	0
Substance Abuse & Mental Health Services Administration .....	31,930	28,562	NA	NA	NA	0	0	3,368	0	0
Department of Housing & Urban Development .....	999	999	NA	NA	NA	0	0	0	0	0
Department of the Interior .....	82,070	82,070	NA	NA	NA	0	0	0	0	0
Department of Labor .....	10,589	9,339	NA	NA	NA	0	0	1,250	0	0

See explanatory information, if any, and SOURCE at end of table.

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		Total	Re-search <sup>1</sup>	Advanced technology development <sup>1</sup>	Major systems development <sup>1</sup>					
Department of Transportation .....	107,163	70,918	NA	NA	NA	1,084	414	2,543	32,200	4
Agency for International Development <sup>3</sup> .....	30,012	10,737	NA	NA	NA	0	0	0	17,496	1,779
Appalachian Regional Commission ...	392	392	NA	NA	NA	0	0	0	0	0
National Aeronautics & Space Administration .....	1,038,583	904,976	NA	NA	NA	4,134	0	38,374	0	91,099
National Science Foundation .....	2,699,225	2,155,491	NA	NA	NA	122,746	14,597	70,243	11,869	324,279
Nuclear Regulatory Commission .....	4,536	4,536	NA	NA	NA	0	0	0	0	0
Office of Justice Programs .....	22,903	22,459	NA	NA	NA	0	0	444	0	0
Social Security Administration .....	4,997	4,997	NA	NA	NA	0	0	0	0	0

<sup>1</sup> Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development obligations reported for universities and colleges are performed at university-administered laboratories that are separate from the academic departments. Furthermore, DoD states that much of its development obligations are for major systems development, that such obligations differ from its advanced technology development, and that DoD total development obligations are therefore not comparable with development obligations at other Federal agencies. Refer to table B-17 for DoD obligations to individual institutions, by research and development breakdowns.

<sup>2</sup> See Technical Notes, "Categories of Support."

<sup>3</sup> The Agency for International Development (AID) continues its long-term work on restructuring its internal database (New Management System, NMS) that will integrate the agency's budget, programming, accounting, and procurement systems. As a result, AID's response to the fiscal year (FY) 1999 Federal support survey has again been produced using an interim reporting system as it was for the FYs 1995-1998 surveys. Any significant differences between AID's data reported for FYs 1995-1999 and data reported prior to FY 1995 can be attributed to this change in reporting systems. In addition, AID anticipates that future responses to the Federal support survey may also differ from the FYs 1995-1999 submissions since the NMS, which will eventually be the database for reporting this information, will be refined to produce more accurate data.

<sup>4</sup> The Agency for Health Care Policy and Research was renamed the Agency for Healthcare Research and Quality as stated in the Healthcare Research and Quality Act of 1999, signed by the President on December 6, 1999.

**KEY:** NA = not applicable

**SOURCE:** National Science Foundation/Division of Science Resources Studies, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1999